2871 403/212
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ATTENTION DESIGNERS

U. S. PATENT OFFICE
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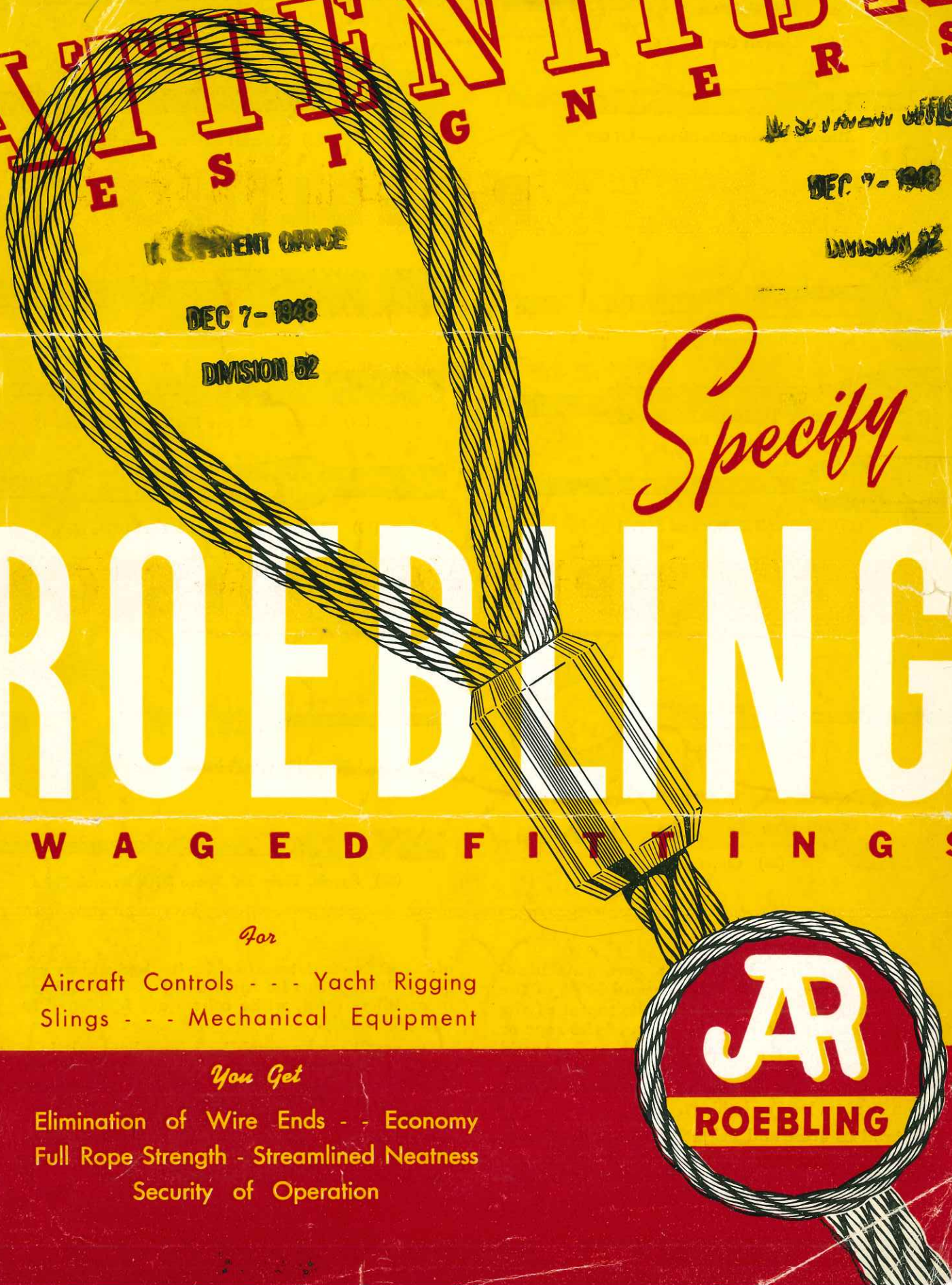


Specify

ROEBLING

SWAGED FITTINGS

For

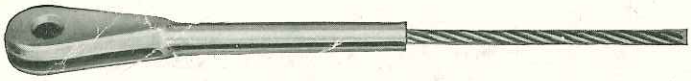
Aircraft Controls - - - Yacht Rigging
Slings - - - Mechanical Equipment

You Get

Elimination of Wire Ends - - Economy
Full Rope Strength - Streamlined Neatness
Security of Operation

JR
ROEBLING

(1) Aircraft Eye—AN 668



(2) Aircraft Fork—AN 667

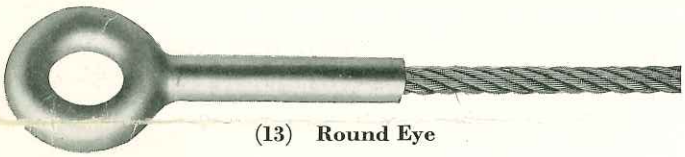
(3) Aircraft Turnbuckle Sleeve—AN 669

(4) Aircraft Threaded Sleeve—AN 666

(5) Aircraft Ball

(6) Aircraft Ball and Shank

ROEBLING SWA

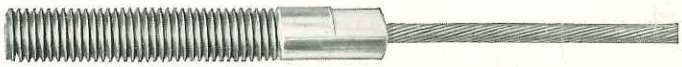


(13) Round Eye

(14) Special Fork

(15) Ball and Shank and Swivel

(16) Threaded Sleeve

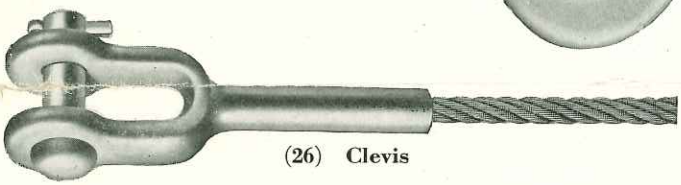


(17) Threaded Sleeve *With Wrench Flats*

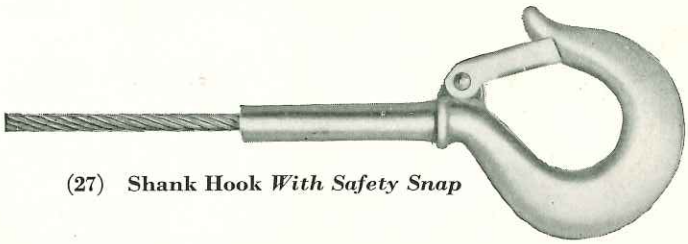
(18) Threaded Sleeve *With Lock-Wire Hole*

SPECIAL DESIGNS

(25) Shank Hook



(26) Clevis



(27) Shank Hook *With Safety Snap*

(28) Special Threaded Sleeve *With Wrench Flats*

Roebling Swaged Fittings are machine-attached and designed to withstand 100% of the rope strength. When swaged, the metal of the fitting flows in between the wires of the rope or strand, uniting rope and fitting into one solid mass. This permanent attachment is formed without resorting to the use of heat or metals such as zinc, lead or babbitt.

Stainless steel and bright, galvanized, or cadmium plated carbon steel are the standard materials for swaged fittings. The steel and finish of the fitting is determined by its type and usage. Some fittings can be furnished in either carbon or stainless steel, while others are furnished in one grade only.

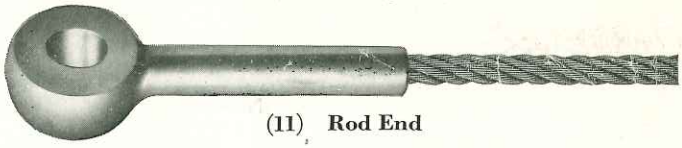
On small cord assemblies where heavy fittings cause a serious problem, Swaged Fittings are proving especially effective. For their weight and size, Swaged Fittings are the strongest available. Roebling-Designed Assemblies, incorporating the advantages of Swaged Fittings and small cords, are rapidly replacing small chains, fiber cords, and many types of complicated linkage.

(7) Single Hole Sleeve—*Connecting-Butting Rope Ends*

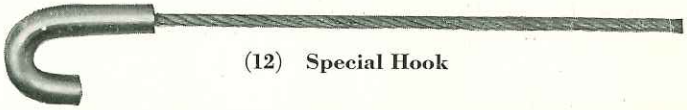
(8) Aircraft Ball and Double Shank

(9) Plain Sleeve with Grooves

(10) Aircraft Lockclad—*Dural Tubing Swaged Over Extended Length of Cord*



(11) Rod End

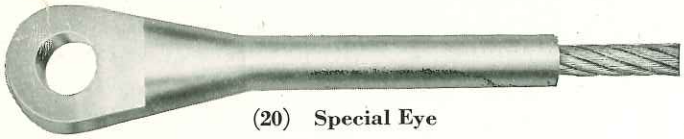


(12) Special Hook

AGED FITTINGS

(19) Threaded Hex Sleeve

(22) Long Sleeve *Threaded Before Swaging*



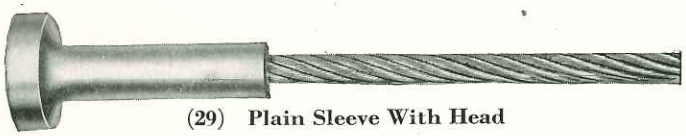
(20) Special Eye

(23) Two Hole Sleeve *Connecting Parallel Rope Ends*

(21) Ball and Shank *With Pinhole Through Ball*

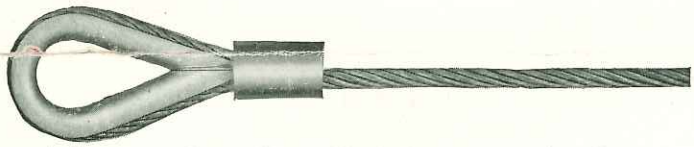
(24) Elongated Eye

ALSO AVAILABLE

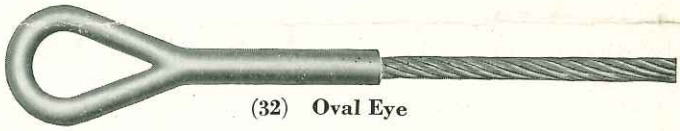


(29) Plain Sleeve With Head

(31) Plain Sleeve *on Rope End*



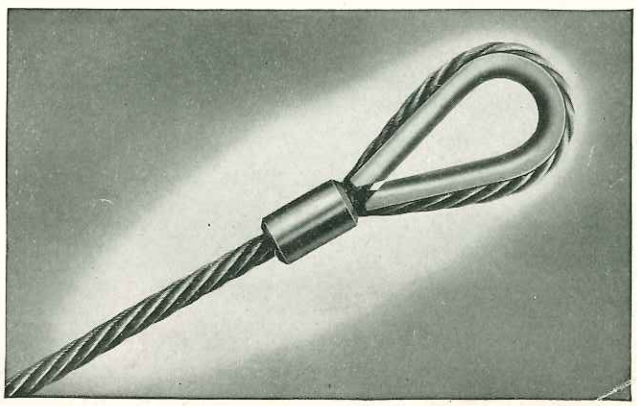
(30) Type 2 Swaged Loop *With Thimble or Plain Loop*



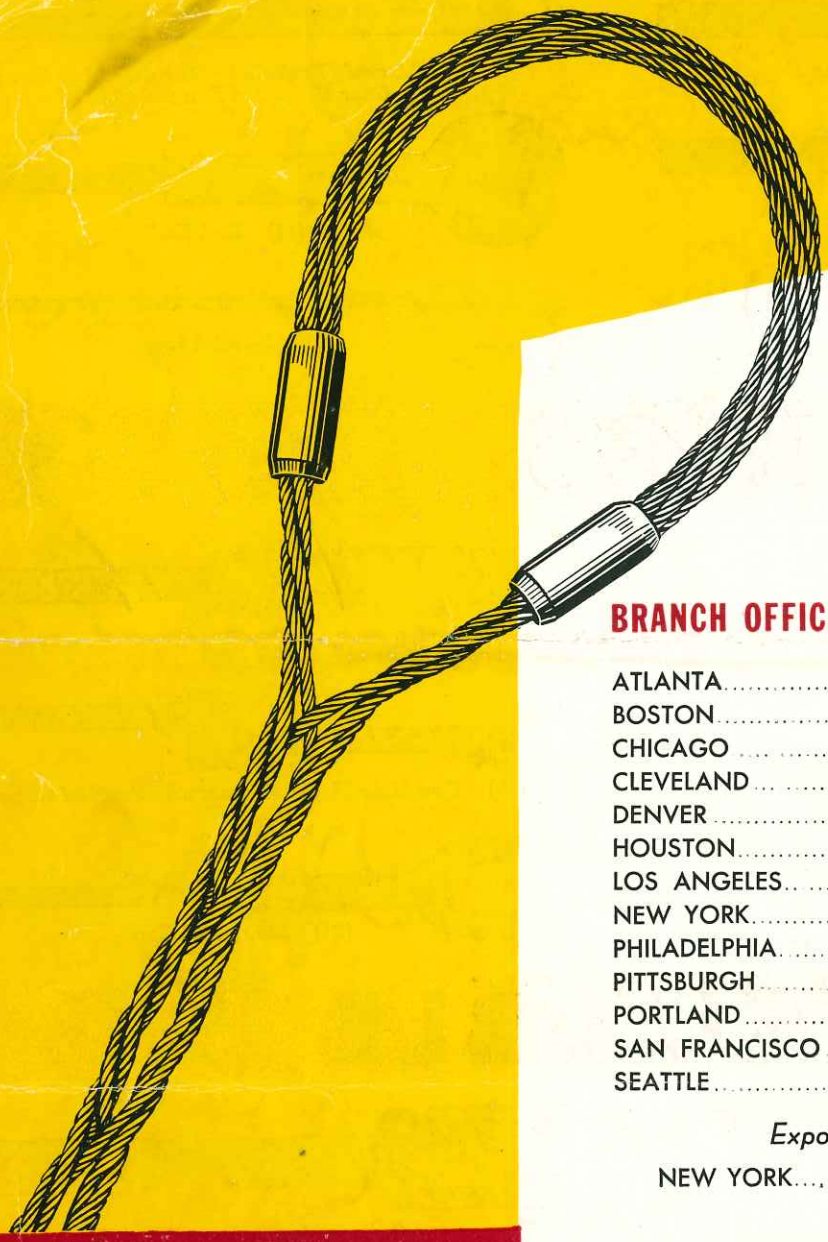
(32) Oval Eye

Roebling Swaged Fittings are available for all standard applications. We will be glad to furnish additional information on any of the fittings shown. Special designs can be constructed for particular requirements. Please send complete specifications and inquiries to:

Aircord Division, Dept. F
John A. Roebling's Sons Company
Trenton 2, New Jersey



(33) Type 1 Swaged Loop



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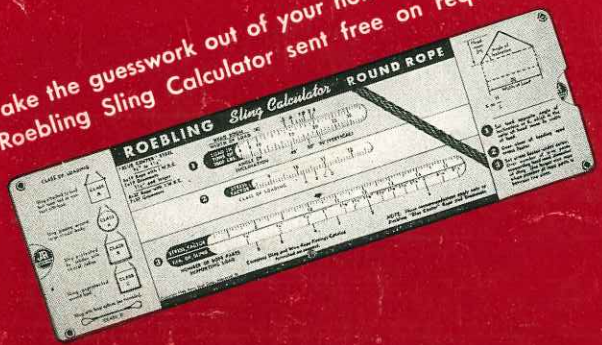

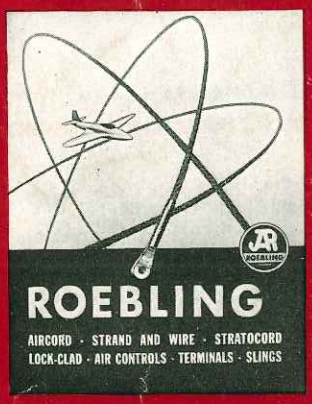

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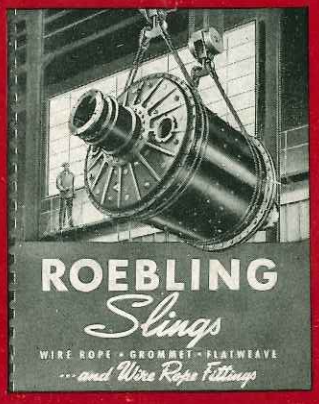

Slings and Wire Rope Fittings Catalog No. A-899.

JOHN A. ROEBLING'S SONS COMPANY

TRENTON, NEW JERSEY